

Fig.1

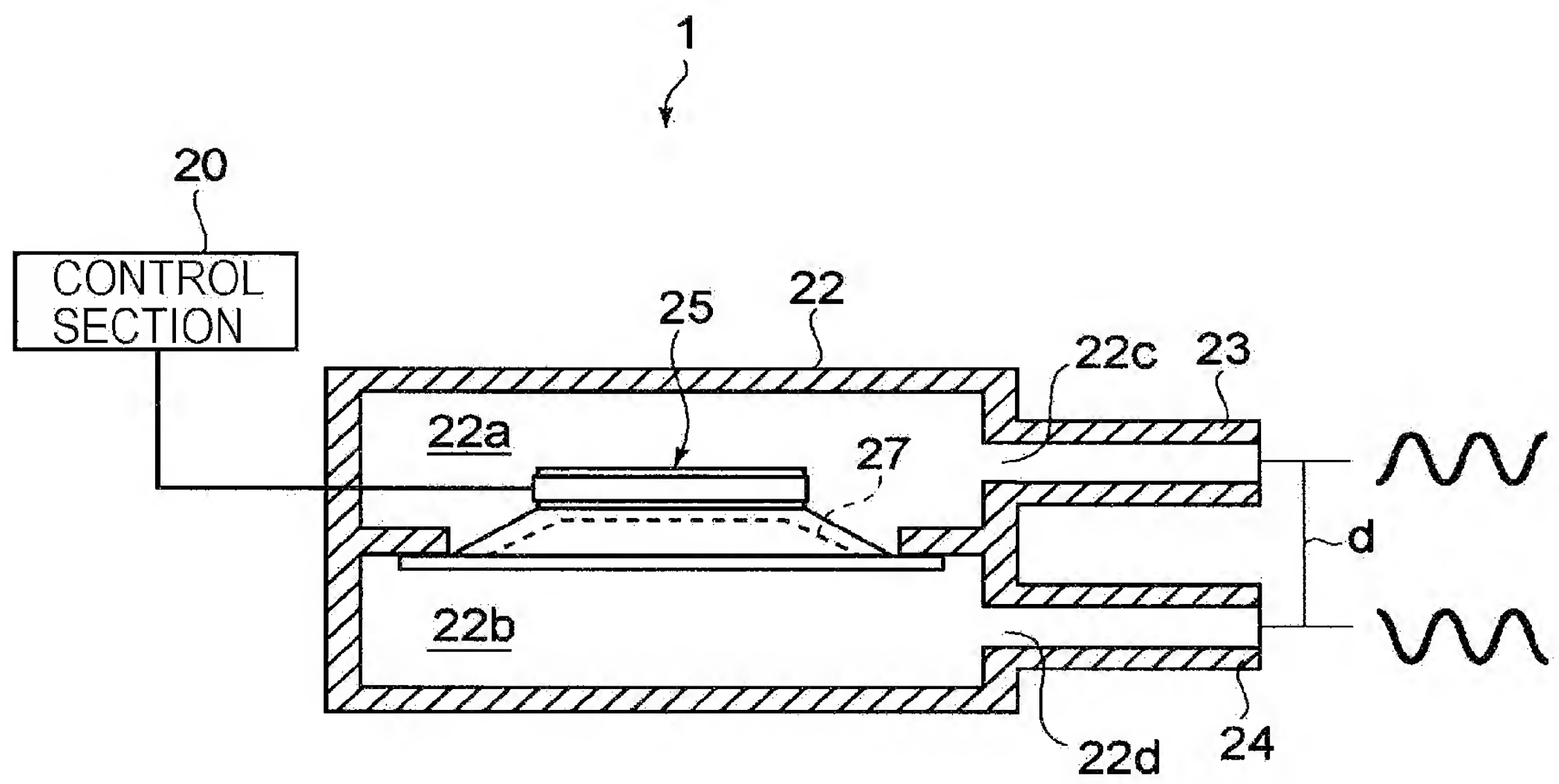


Fig.2

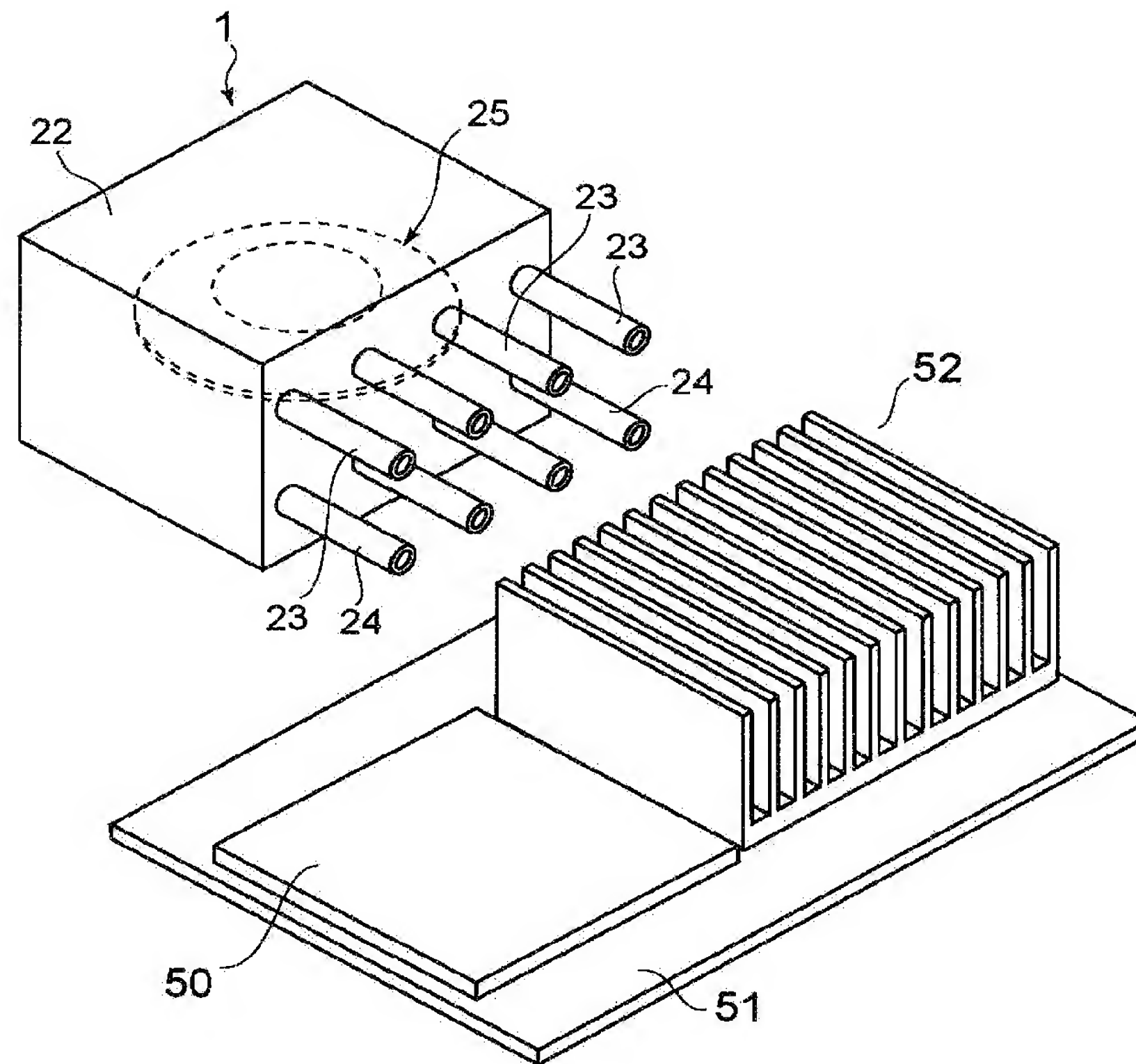


Fig.3

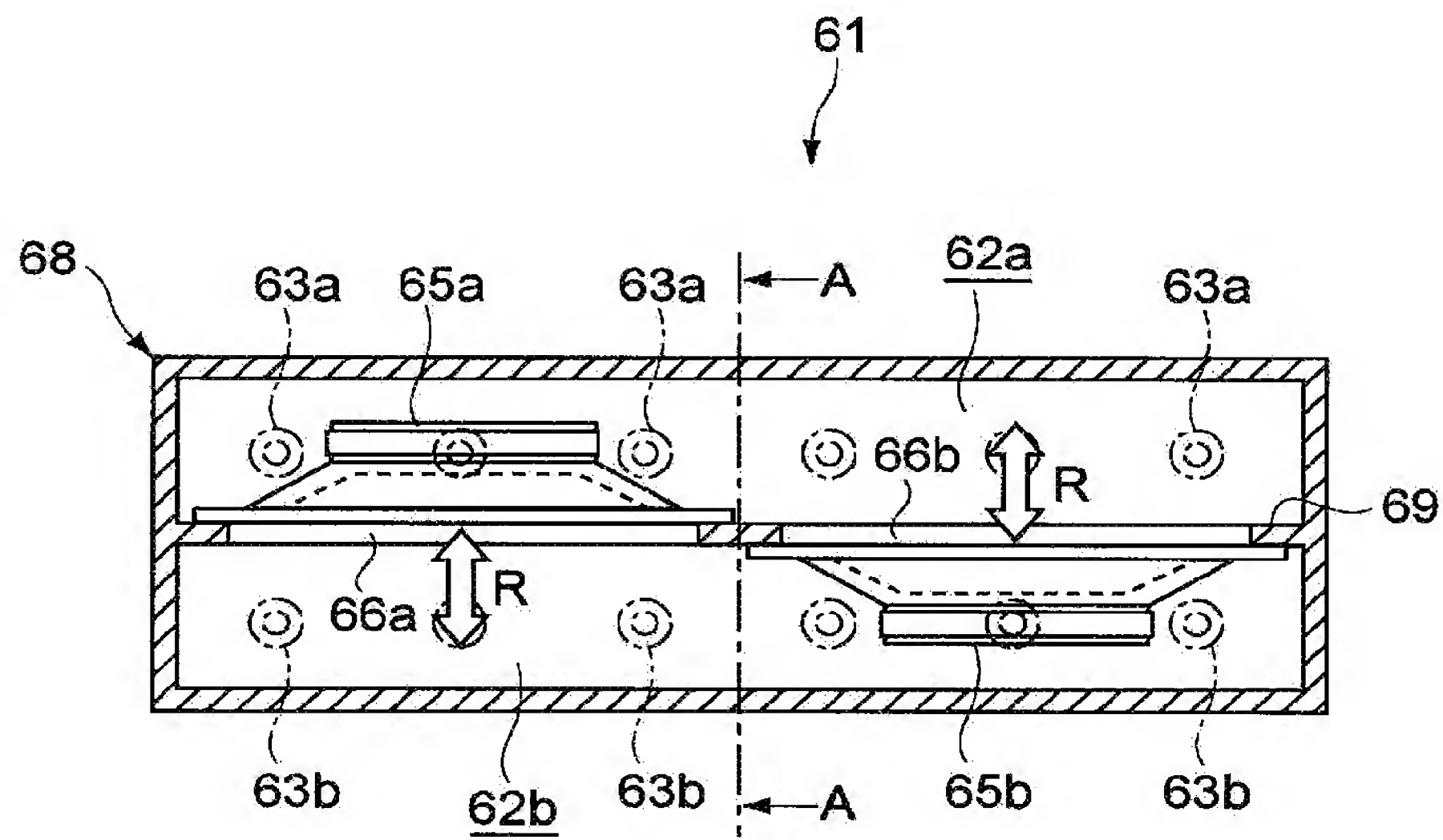


Fig.4

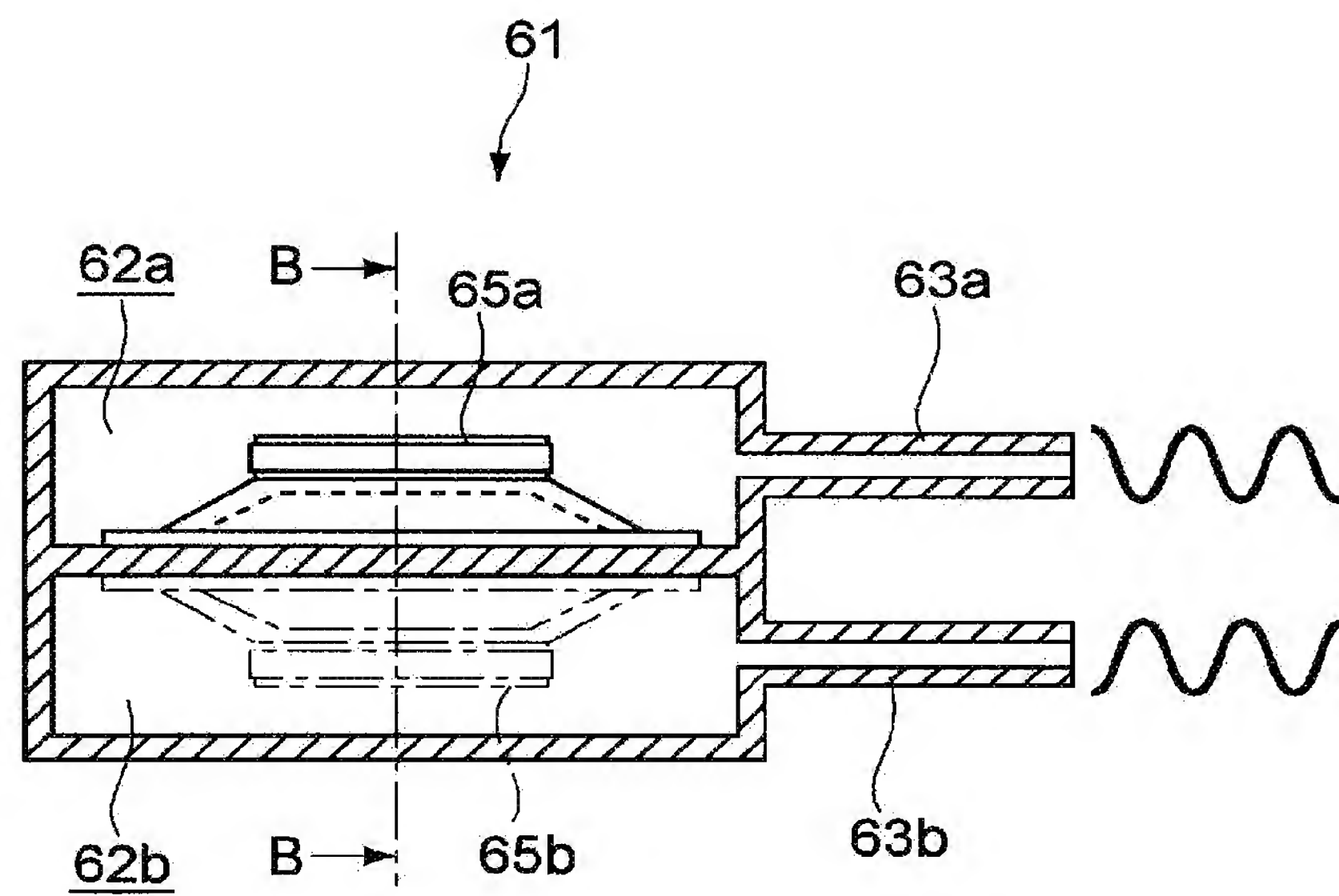


Fig.5

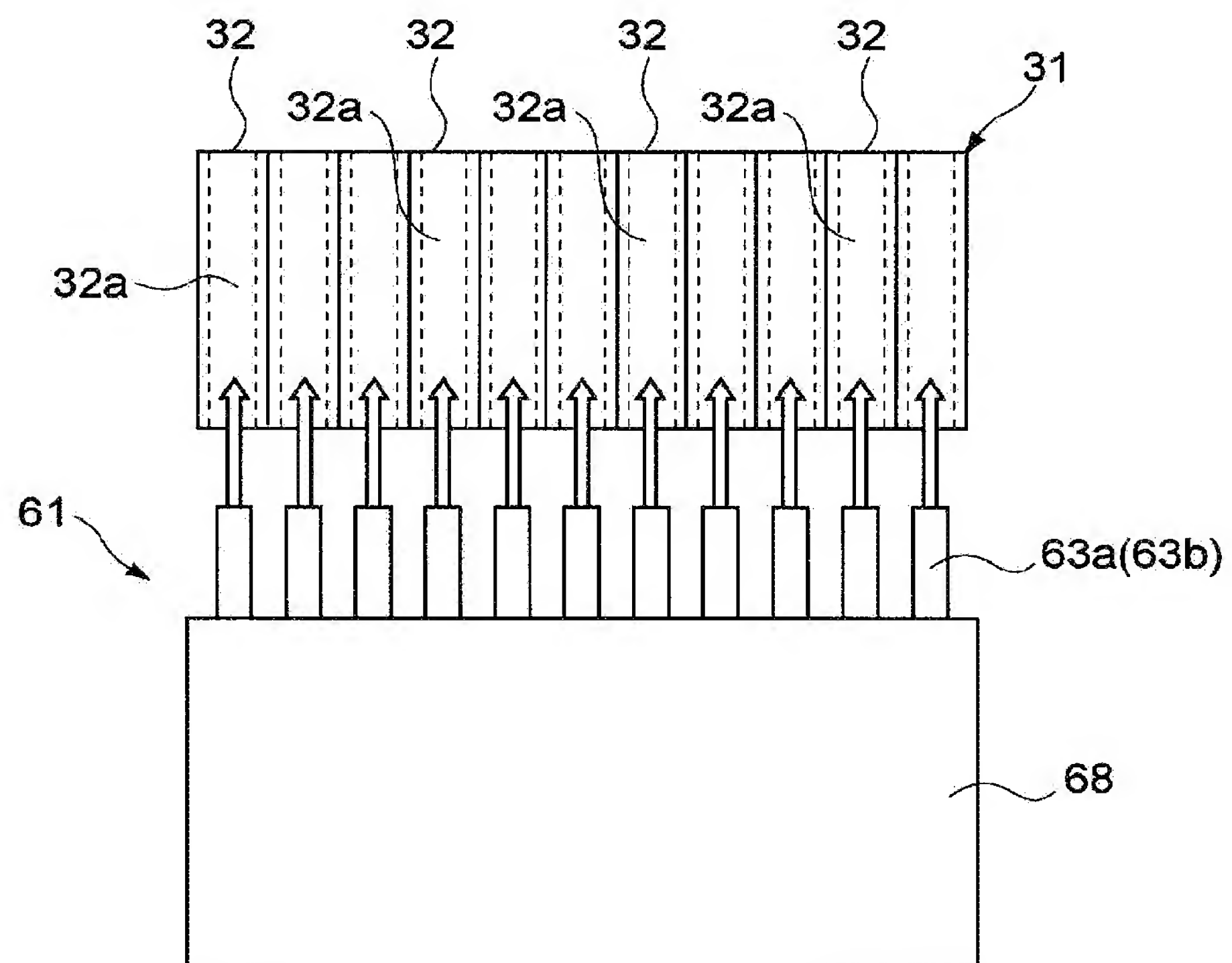


Fig.6

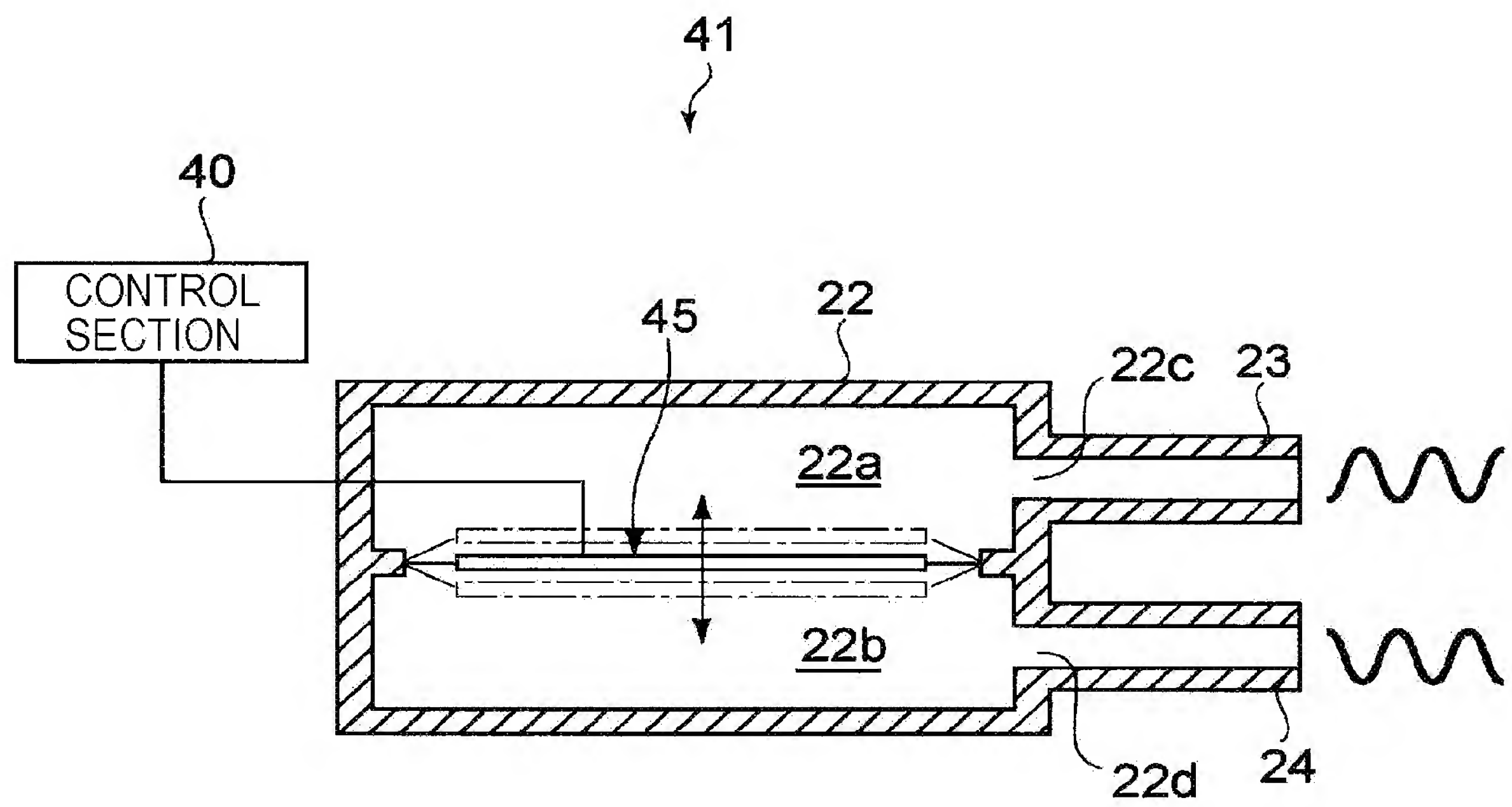


Fig.7

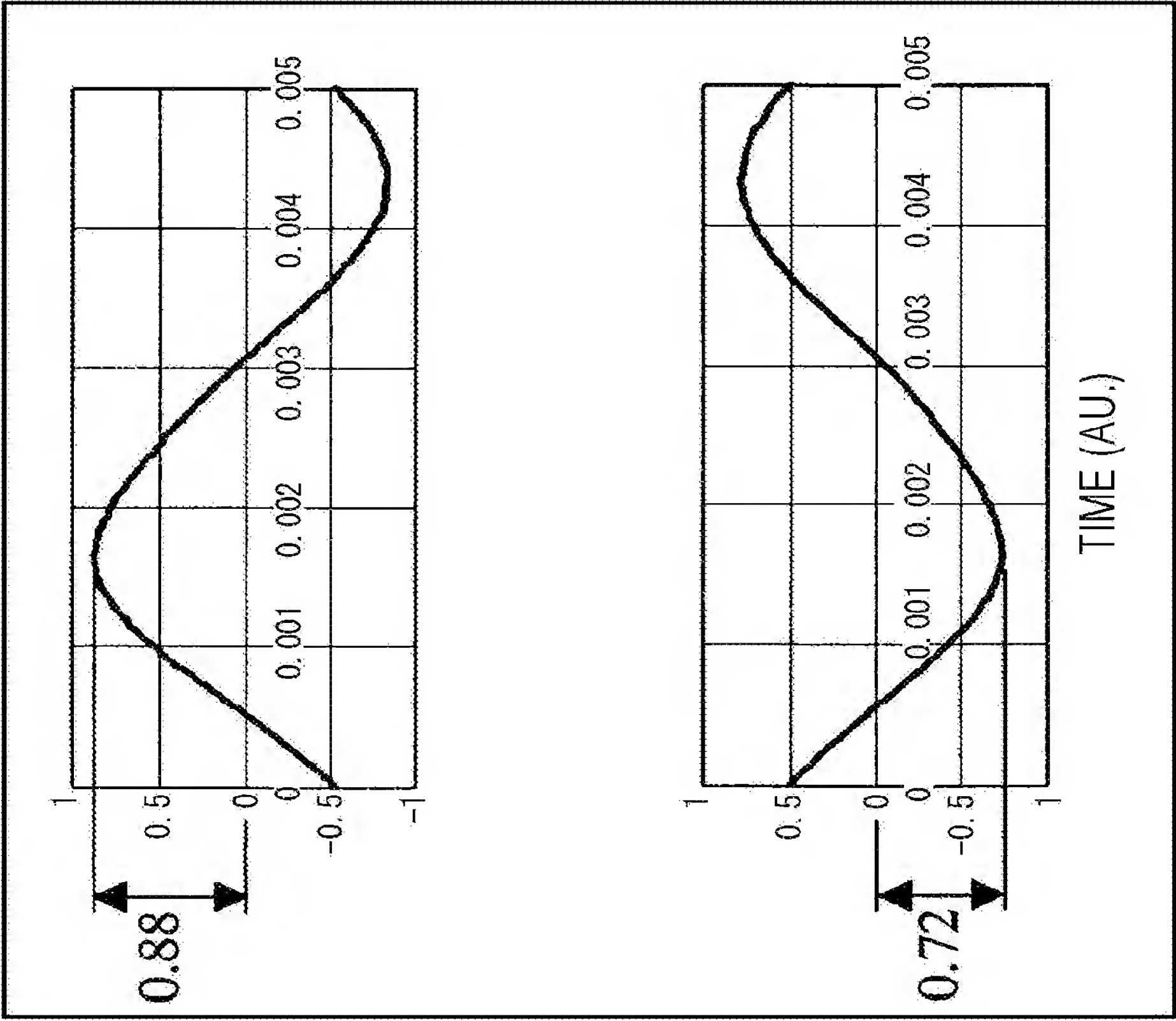


Fig.8A

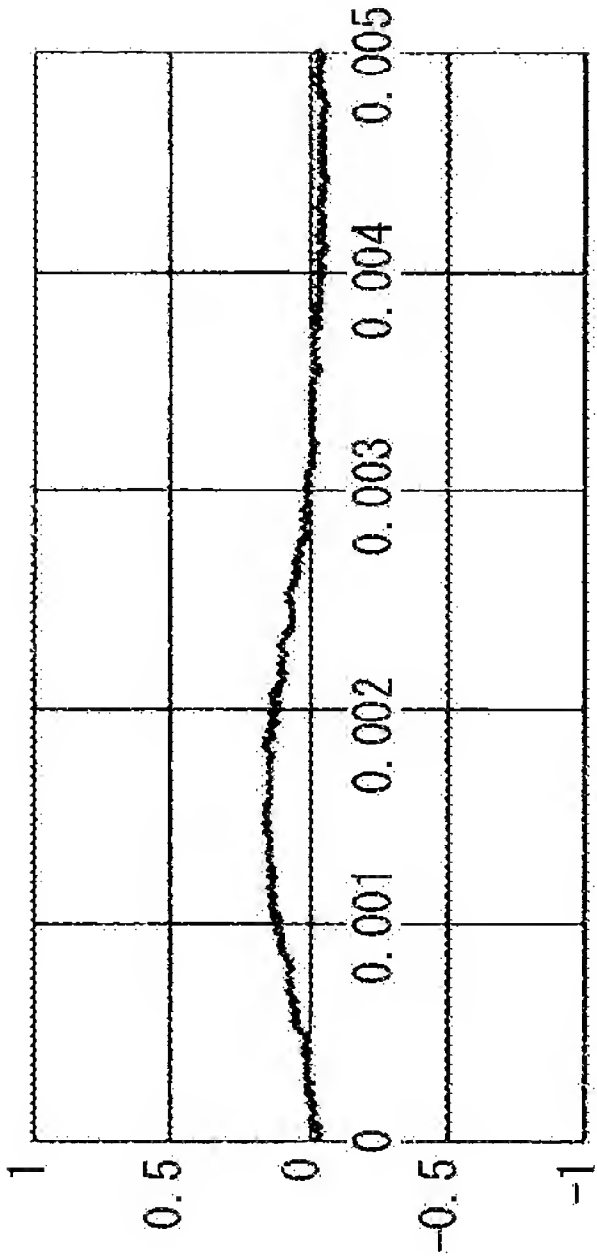


Fig.8B

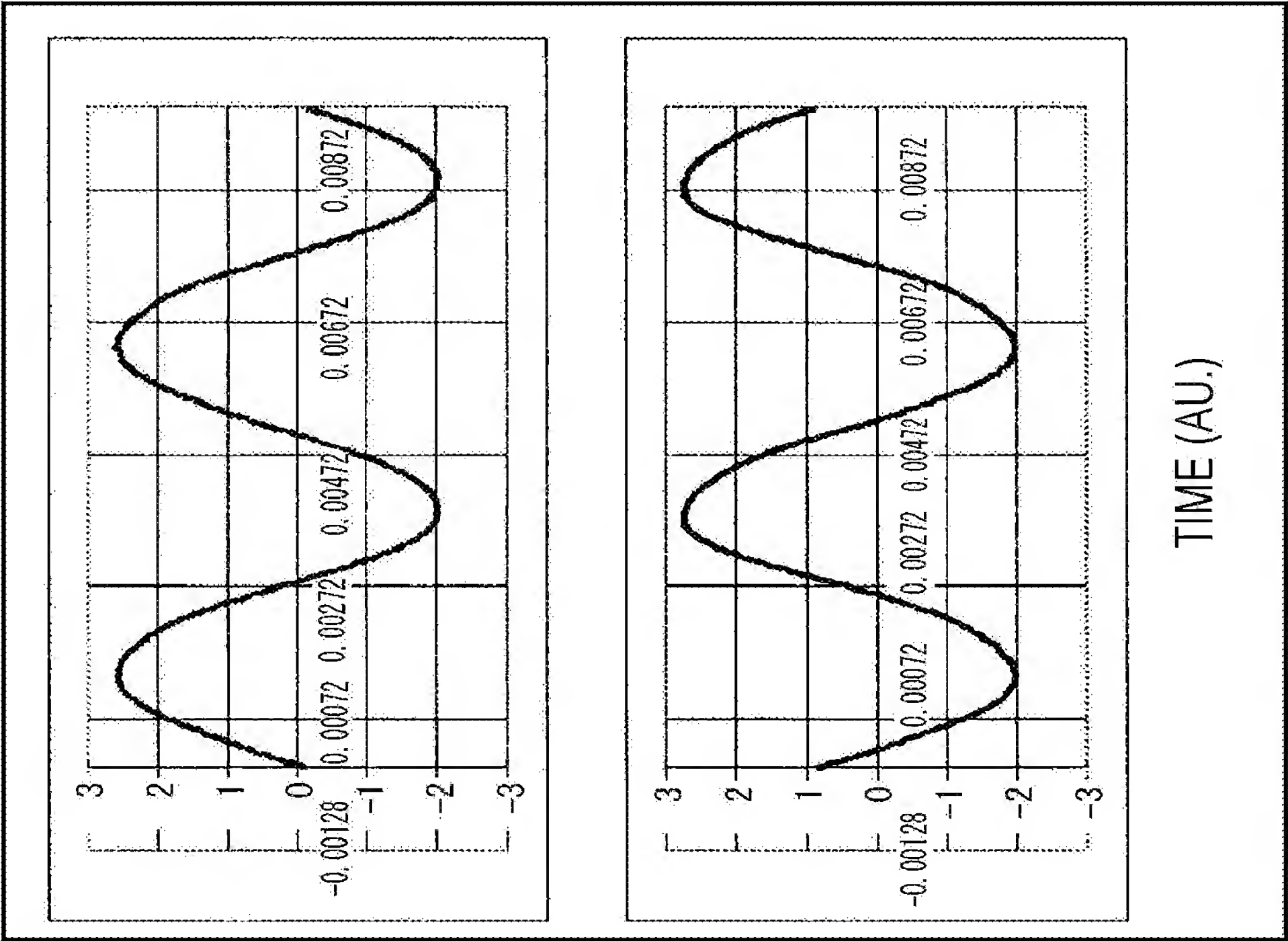


Fig.9A

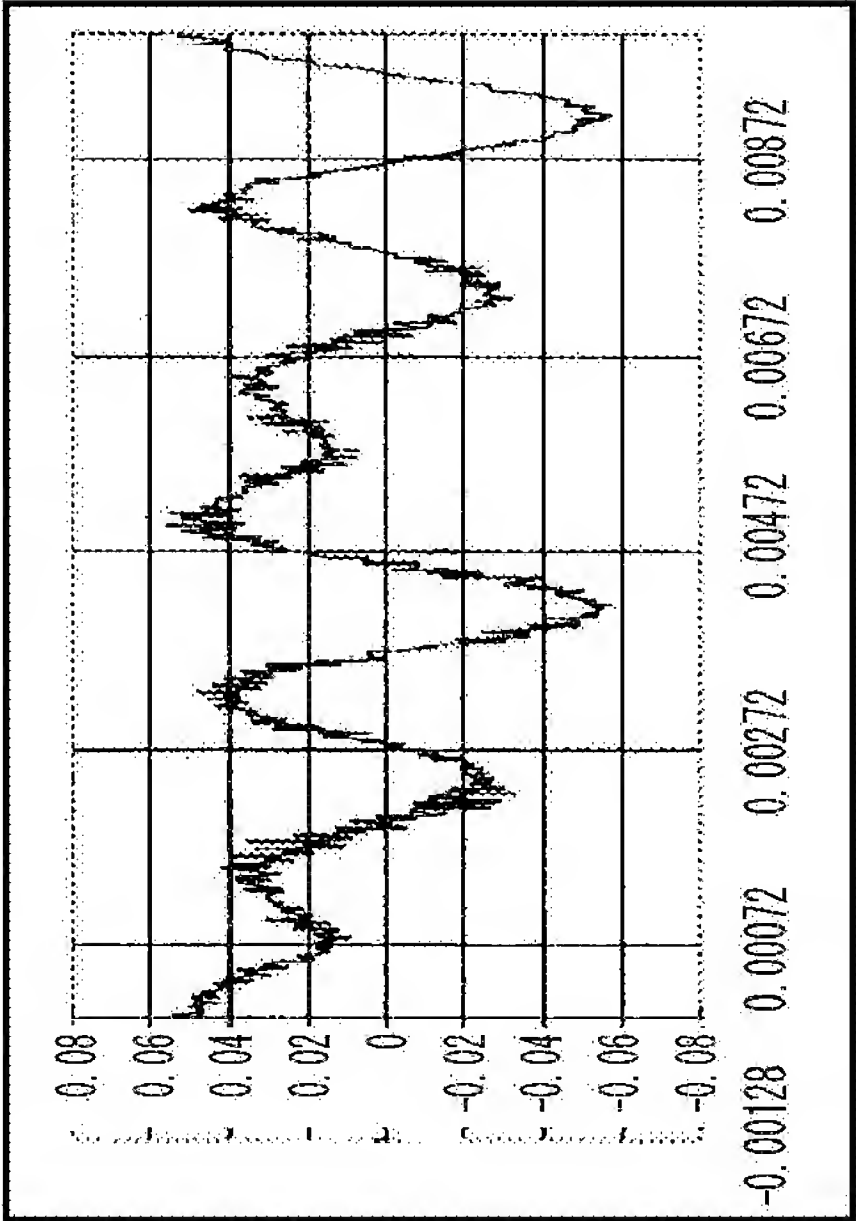


Fig.9B

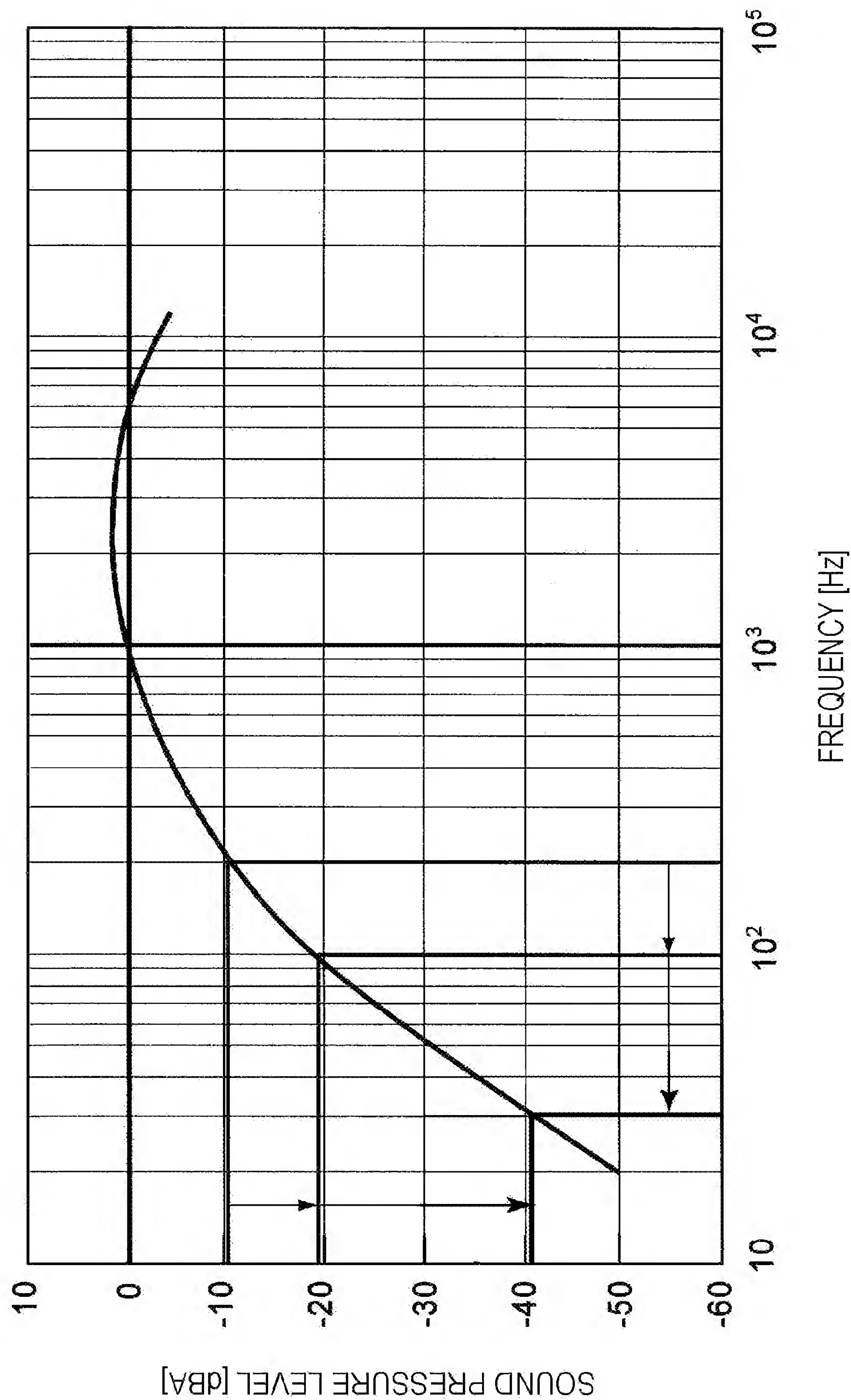


Fig.10

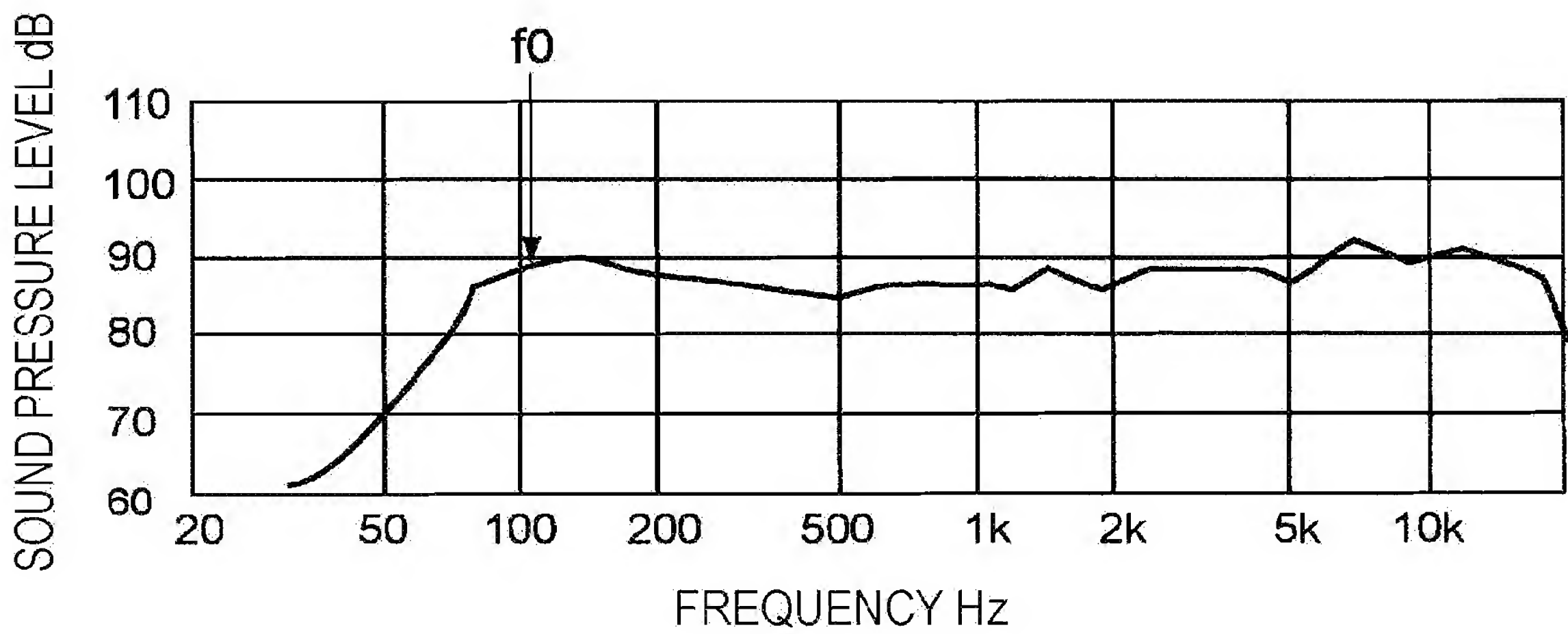


Fig.11

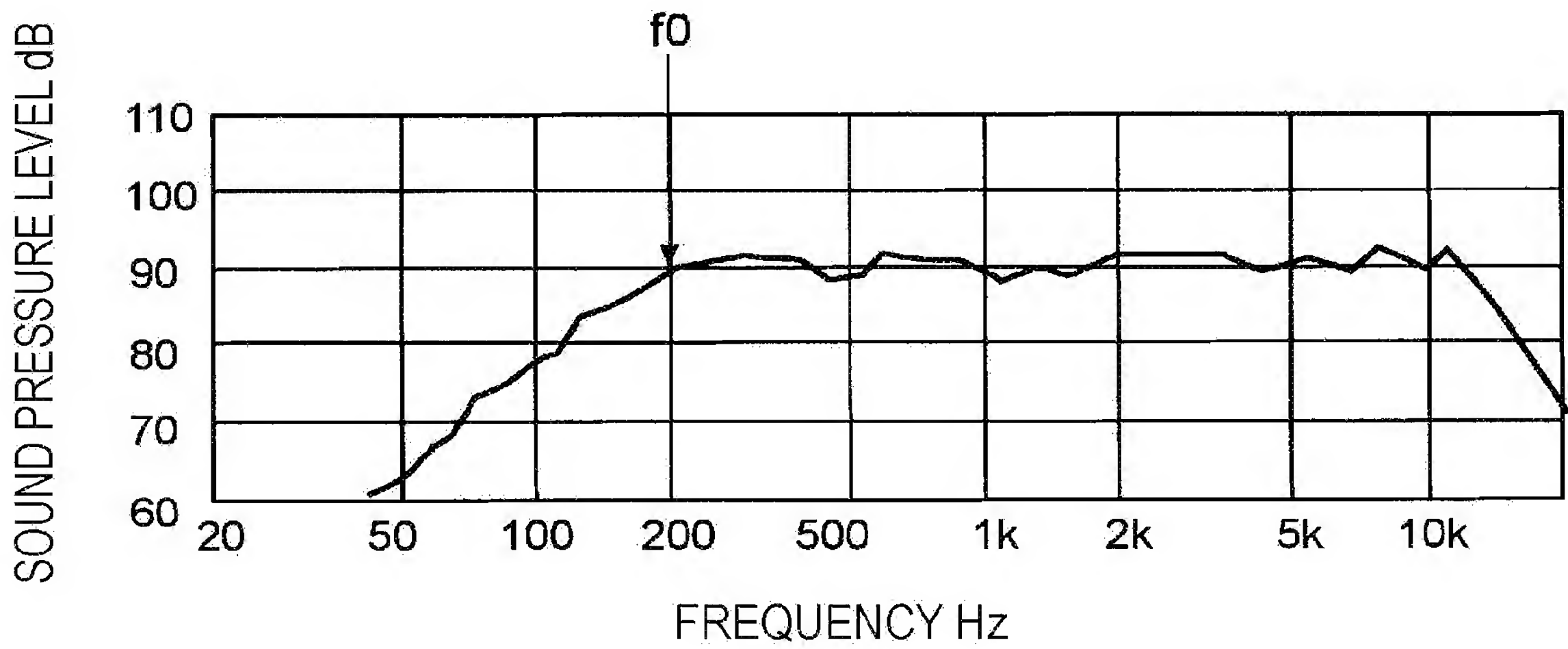


Fig.12

FREQUENCY A	AMPLITUDE B	AREA C	EVALUATION VALUE D	FLOW RATE	CHAMBER DIMENSIONS	VOLUME
Hz	mm	mm ²	mm ³ /s	m/s	mm x mm x mm	cm ³
200	0.38	2036	154,736	3.1	95 x 40 x 10	38
220	0.42	2036	188,126	3.95	95 x 40 x 10	38
170	0.38	4072	263,051	4.51	170 x 42 x 7	50
30	1.5	6362	286,290	3.83	125 x 125 x 24	375
30	0.68	6362	129,785	2	125 x 125 x 24	375
30	1.5	2827	127,215	3.47	75 x 80 x 10	60
70	1.5	2827	296,835	5.3	75 x 80 x 10	60
50	2	3848	384,800	4.6	125 x 125 x 24	375
30	2	3848	230,880	4.1	125 x 125 x 24	375

Fig.13

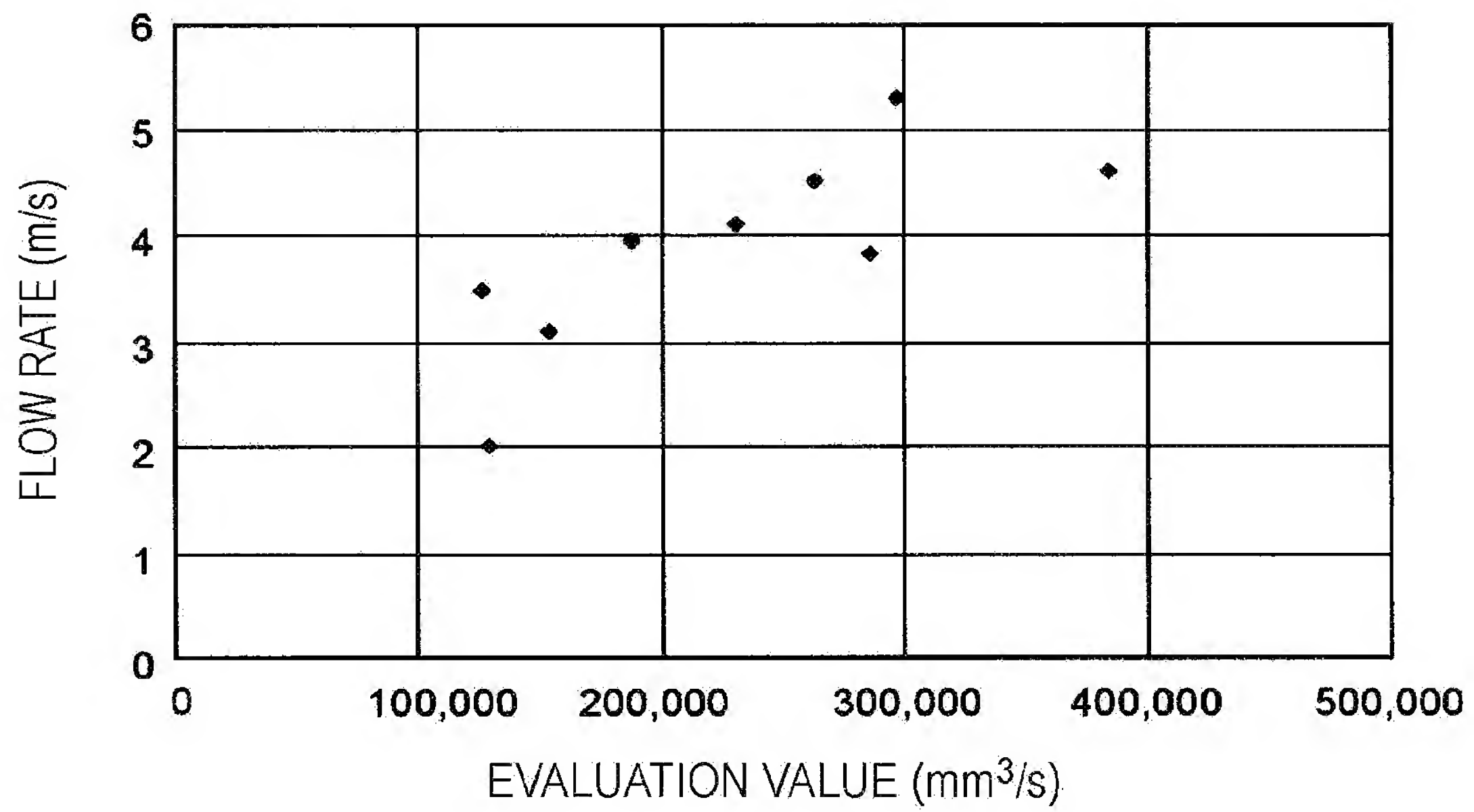


Fig.14

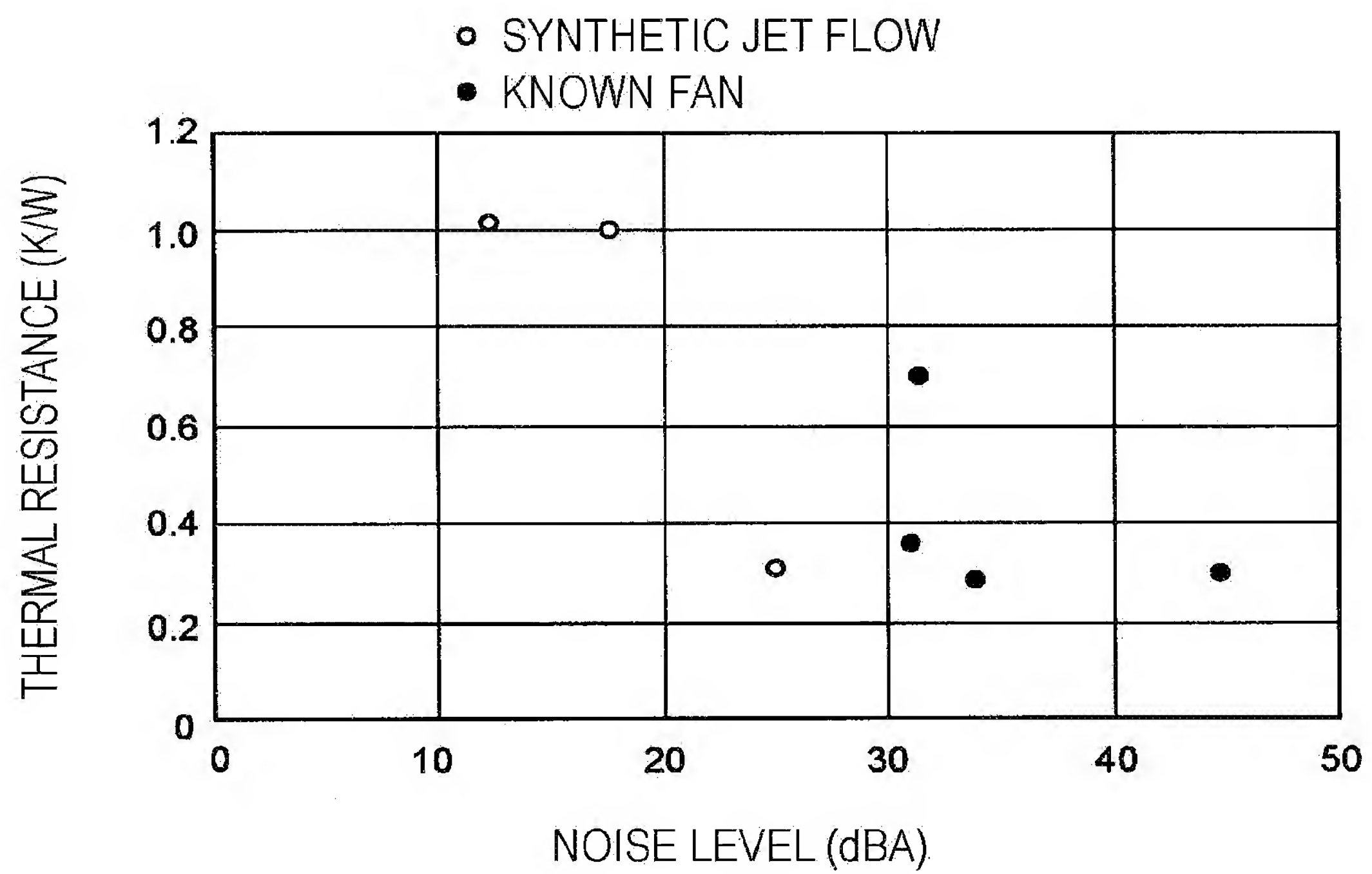


Fig.15

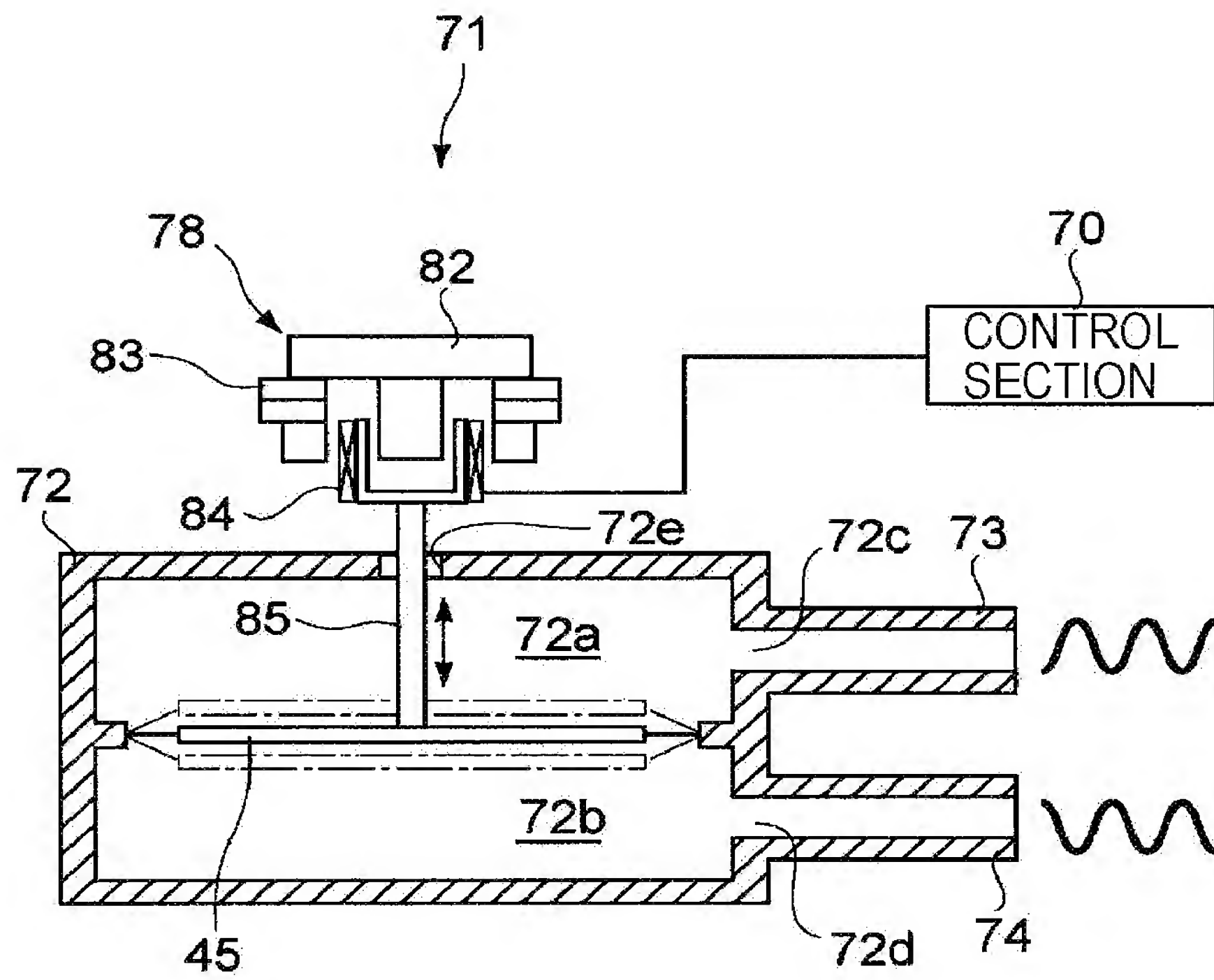


Fig.16

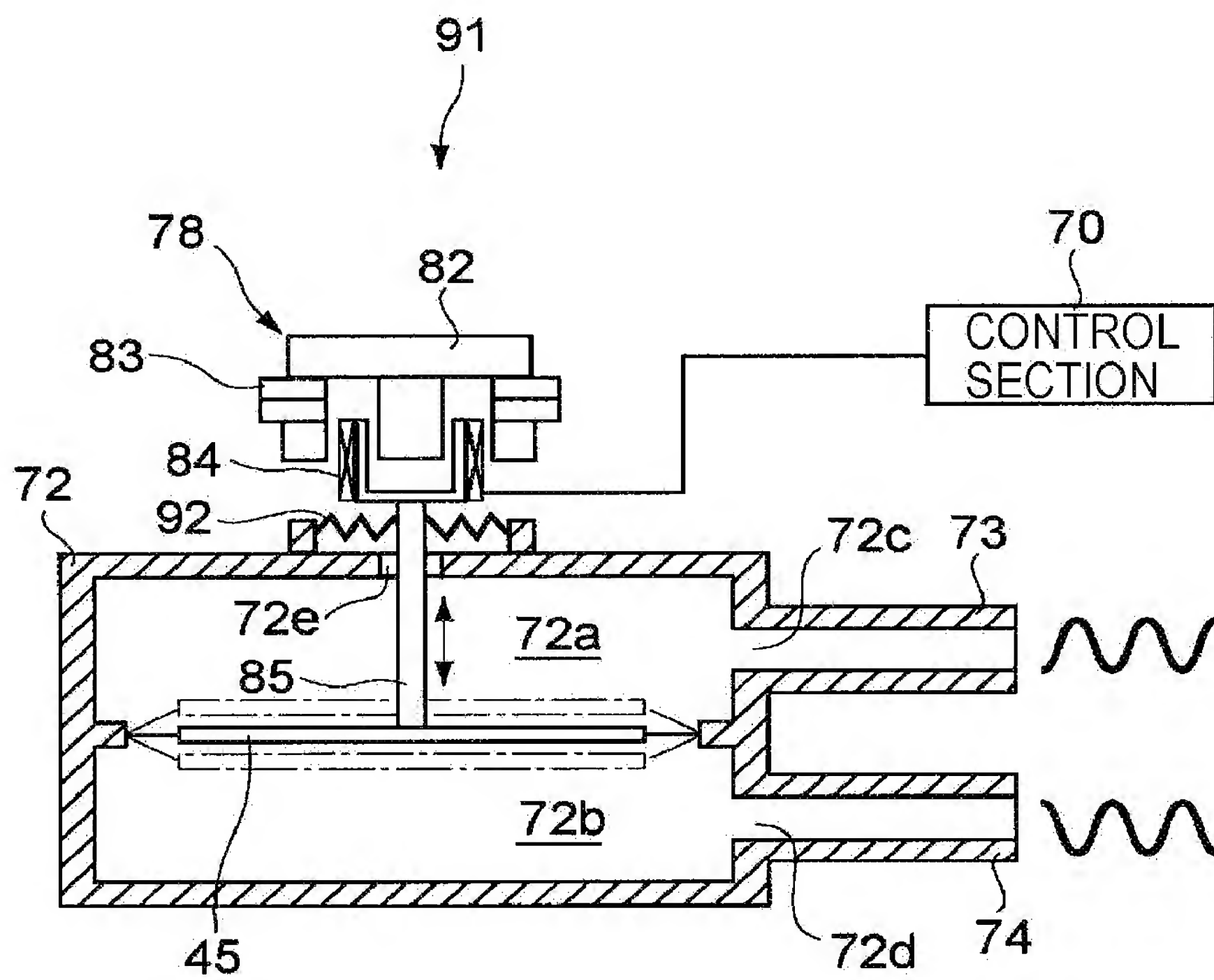


Fig.17